IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): ~~Spectrum~~ A spectrum spreading data transmission process in which:

- ~~in sending:~~ a step of sending, including building up symbols to be sent ~~are built up~~ from ~~the~~ data to be transmitted, and ~~are modulated~~modulating said symbols by spectrum spreading using pseudo-random sequences,

- ~~on reception: the~~a step of receiving, including correlating received signal ~~is correlated~~ with the pseudo-random sequences used in sending, identifying the sent symbols, ~~sent are found~~ and restoring the data ~~are restored~~,

~~this~~ the process ~~being characterized in that~~comprising:

a) in said sending step:

v) building up a set of S successive different pseudo-random sequences ~~is built up~~, in which S is greater than or equal to at least 2,

vi) grouping the symbols to be transmitted ~~are grouped~~ into ~~successive~~ packets each containing S successive symbols,

vii) modulating ~~the~~ S successive symbols ~~of a packet are modulated~~ by one of the set of S successive pseudo-random sequences ~~of the set of sequences~~,

viii) ~~operation iii) is repeated~~repeating said step of modulating for successive packets ~~of S symbols~~ with a remaining one of the set of S successive pseudo-random sequences, the pseudo-random sequences in the set thus being used repetitively,

b) ~~on reception~~in said receiving step:

correlating the received signal ~~is correlated~~ with each of the S pseudo-random sequences used in the sending step,

restoring the successive packets of symbols ~~are restored and~~ the corresponding data. ~~are restored packets. of symbols are restored and the corresponding data are restored.~~

Claim 2 (Currently Amended): ~~Process~~ The process according to claim 1, in which several packets of S symbols are processed in parallel.

Claim 3 (Currently Amended): ~~Transmitter~~ A transmitter configured to execute the step of transmitting recited in Claim 1 ~~for embodiment of the process according to claim 1~~, comprising a general input (10), means (20) ~~of~~ for receiving data to be transmitted and building up symbols, and means (60) ~~of~~ for modulating ~~these~~ the symbols by spectrum spreading using pseudo-random sequences, ~~characterized in that it comprises~~said transmitter further comprising:

- means (50) ~~of~~ for building up ~~a~~ the set of S successive different pseudo-random sequences S being an integer greater than or equal to 2,

- means (30, 40) ~~of~~ for grouping symbols to be transmitted into ~~successive~~ packets each containing S successive symbols,

- means (60) ~~of~~ for modulating the successive symbols of a packet by S successive pseudo-random sequences of the set of sequences, ~~to reiterate~~an for reiterating ~~this~~ the modulation for successive packets of symbols, the pseudo-random sequences of the set thus being used repetitively.

Claim 4 (Currently Amended): ~~Transmitter~~ The transmitter according to claim 3, in which the means for modulating are adapted process ~~packets of successive symbols in series and in parallel~~ several packets of S symbols in parallel.

Claim 5 (Currently Amended): ~~Receiver~~ A receiver configured to execute the step of receiving recited in Claim 1 ~~for embodiment of the process according to claim 1~~, comprising means ~~of~~ for correlating a reception signal with pseudo-random sequences and ~~of~~ for outputting despread symbols, and means ~~of~~ for recovering ~~restoring the~~ data ~~starting~~ from ~~these~~ said despread symbols, ~~characterized in that it comprises~~said receiver further comprising:

- means (110_1, ..., 110_M) ~~of~~ for correlating the received signal with S pseudo-random sequences, S being an integer greater than or equal to 2,

- means (120_1, ..., 120_M) (130) (140_1, ..., 140_L,) (150_1, ..., 150_2) ~~of~~ for ~~restoring~~ recovering packets of S despread symbols,

- means (170) ~~of~~ for ~~restoring~~ recovering transmitted ~~the corresponding~~ data ~~on a general output (180)~~from said packets of S despread symbols.

Claim 6 (Currently Amended): ~~Receiver~~ The receiver according to claim 5, in which the means for recovering are adapted to process several packets of successive symbols ~~in series and~~ in parallel.